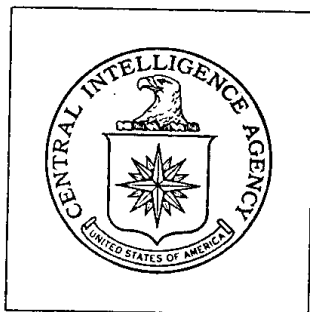


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DIRECTORATE OF  
INTELLIGENCE

**Industrial Facilities  
(Non-Military)**

*Basic Imagery Interpretation Report*

**Lo-yang Iron and Steel Plant**

**Lo-yang, China**



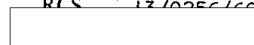
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CENTRAL INTELLIGENCE AGENCY  
Directorate of Intelligence  
Imagery Analysis Service

BCS - 13/0256/69

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Lo-yang Iron and Steel Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	25X1
49SFJ358306	34-36-50N 112-28-39E	
MAP REFERENCE		
15th RTS. US Air Target Chart, Series 200, Sheet 0385-8AL, 1st edition, Apr 60, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		Not Required

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## ABSTRACT

Detailed imagery analysis of this installation indicates that it no longer produces iron and steel, but is now possibly engaged in vehicle repair operations.\*

When the plant was first observed on photography in 1962, it contained the necessary facilities to produce iron and steel. These facilities were never seen in operation, however, and between late 1963 and early 1964, the coke oven batteries and blast furnaces were removed. Since that time, the plant appears to have been converted to a possible vehicle repair facility. On all coverage from November 1966 through December 1968, approximately 150 unidentified possible tractors/vehicles have been observed in open storage in the plant.

\*NOTE: Action has been initiated through appropriate channels to have the Basic Encyclopedia corrected.

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## INTRODUCTION

This installation (designated the Lo-yang Iron and Steel Plant in the Basic Encyclopedia) is located 4.6 nautical miles south of Lo-yang between the Lo Ho and I Ho (rivers).

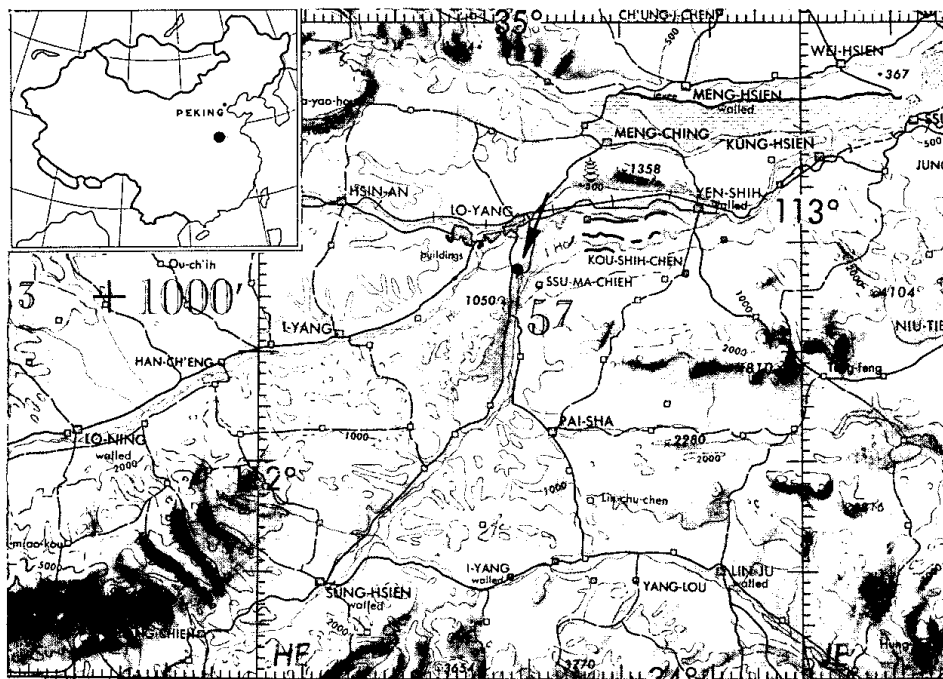


FIGURE 1. LOCATION MAP.

## BASIC DESCRIPTION

This plant is partially secured and occupies an area measuring about 3,500 by 2,000 feet. It is road and rail served.

On the earliest photography of this plant, in March 1962, it contained 10 beehive coke oven batteries, 11 blast furnaces (one under construction), one side-blown converter shop, three forge/foundries, and several support buildings (Figure 2). These facilities were never seen in operation, however, and between [redacted] all of the beehive coke oven batteries and the 10 completed blast furnaces were removed. Since November 1964, work has ceased on the eleventh blast furnace, and a portion of the turning wye has been removed and the area converted for use as open storage. In addition, seven storage buildings, two possible vehicle sheds, and one possible forge/foundry have been constructed.

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This plant appears to have been converted to a possible vehicle repair facility. On photography of [redacted] and all subsequent imagery, approximately 150 unidentified possible tractors/vehicles have been observed in open storage in the plant. When seen on photography most recently in December 1968, the plant contained three forge/foundry buildings, one possible forge/foundry building, six possible storage buildings, a storage building, two possible vehicle sheds, one unidentified building, and an old side-blown converter shop (Figure 3).

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Key to Annotations

Item No.	Description	Dimensions (Ft)	Roof Cover (Sq Ft)	Remarks
1	Blast Furnaces (10)			Small
2	Side-blown Converter Shop	435 x 55	23,925	4 Cupola Furnaces 2 Converters
3	Unidentified Building	180 x 85	15,300	
4	Forge/Foundries (3)	Irregular	29,700	
5	Blast Furnace			U/C
6	Turning Wye			
7	Beehive Coke Oven Batteries (10)			

FIGURE 2. LO-YANG IRON AND STEEL PLANT

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Key to Annotations

Item No.	Description	Dimensions (Ft)	Roof Cover (Sq Ft)	Remarks
1	Former Location of 10 Blast Furnaces			
2	Side-blown Converter Shop	435 x 55	23,925	4 Cupola Furnaces 2 Converters
3	Unidentified Building	180 x 85	15,300	
4	Forge/Foundries (3)	Irregular	29,700	
5	Blast Furnace			Casting shed never finished
6	Former Location of Turning Wye			
7	Former Location of 10 Beehive Coke Oven Batteries			
8	Possible Forge/Foundry	250 x 90 140 x 75	22,500 10,500	
9	Possible Storage Buildings (3)	390 x 85 (each)	99,450	
10	Possible Storage Building	240 x 70	16,800	
11	Possible Storage Buildings (2)	315 x 130 (each)	81,900	
12	Unidentified Possible Tractors/Vehicles			
13	Possible Vehicle Sheds (2)	260 x 30 490 x 30	7,800 14,700	
14	Storage Building	420 x 45	18,900	

FIGURE 3. LO-YANG IRON AND STEEL PLANT,

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REFERENCES

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Maps

15th RTS. US Air Target Chart, Series 200, Sheet 0385-8AL, 1st edition,  
Apr 60, Scale 1:200,000 (SECRET)

ACIC. USAF Operational Navigation Chart, Sheet G-9, 2nd edition,  
Nov 60, Scale 1:1,000,000 (UNCLASSIFIED)

Requirement

EXSUBCOM - BR-N/002-69

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